

FIG. 1

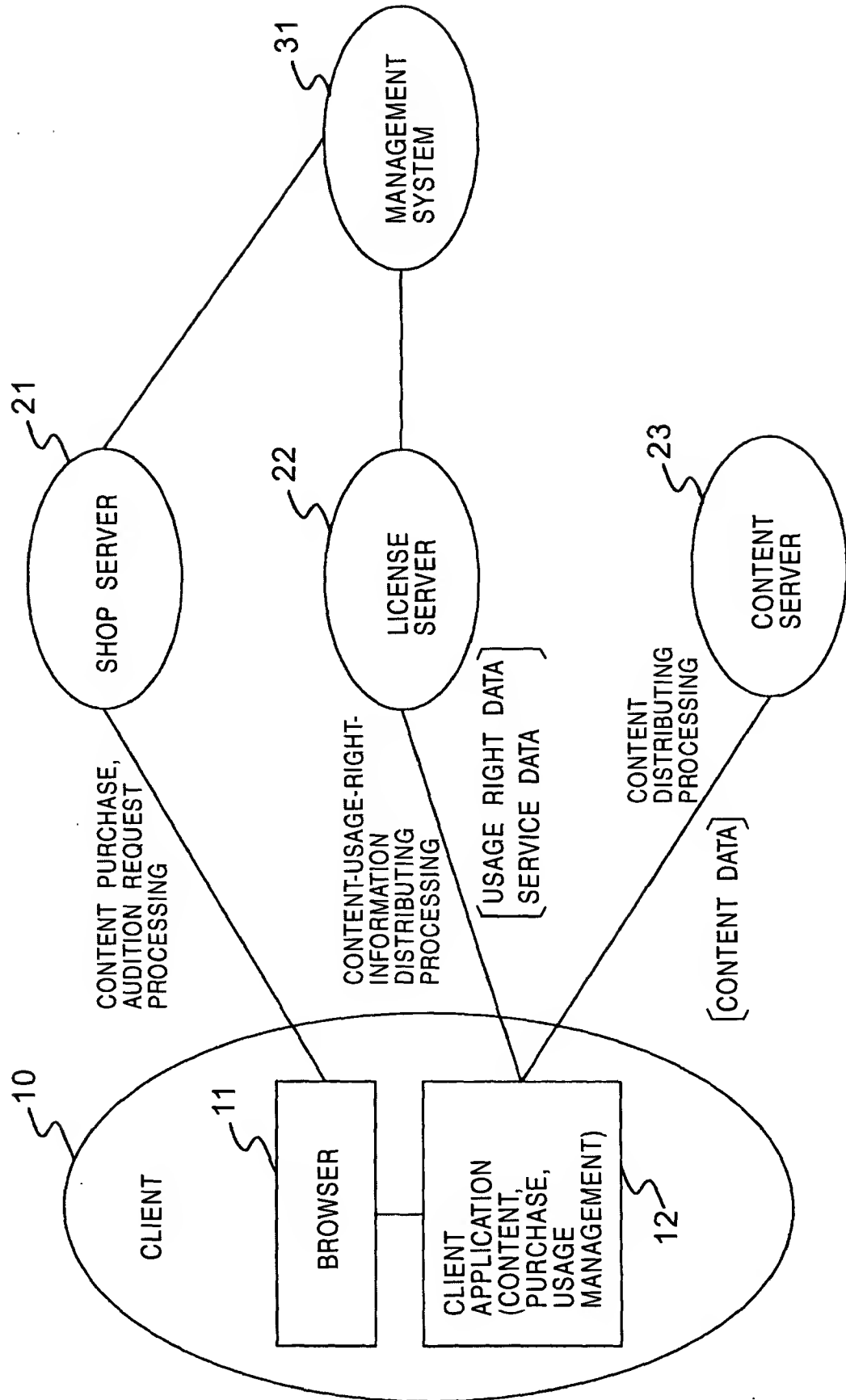


FIG. 2

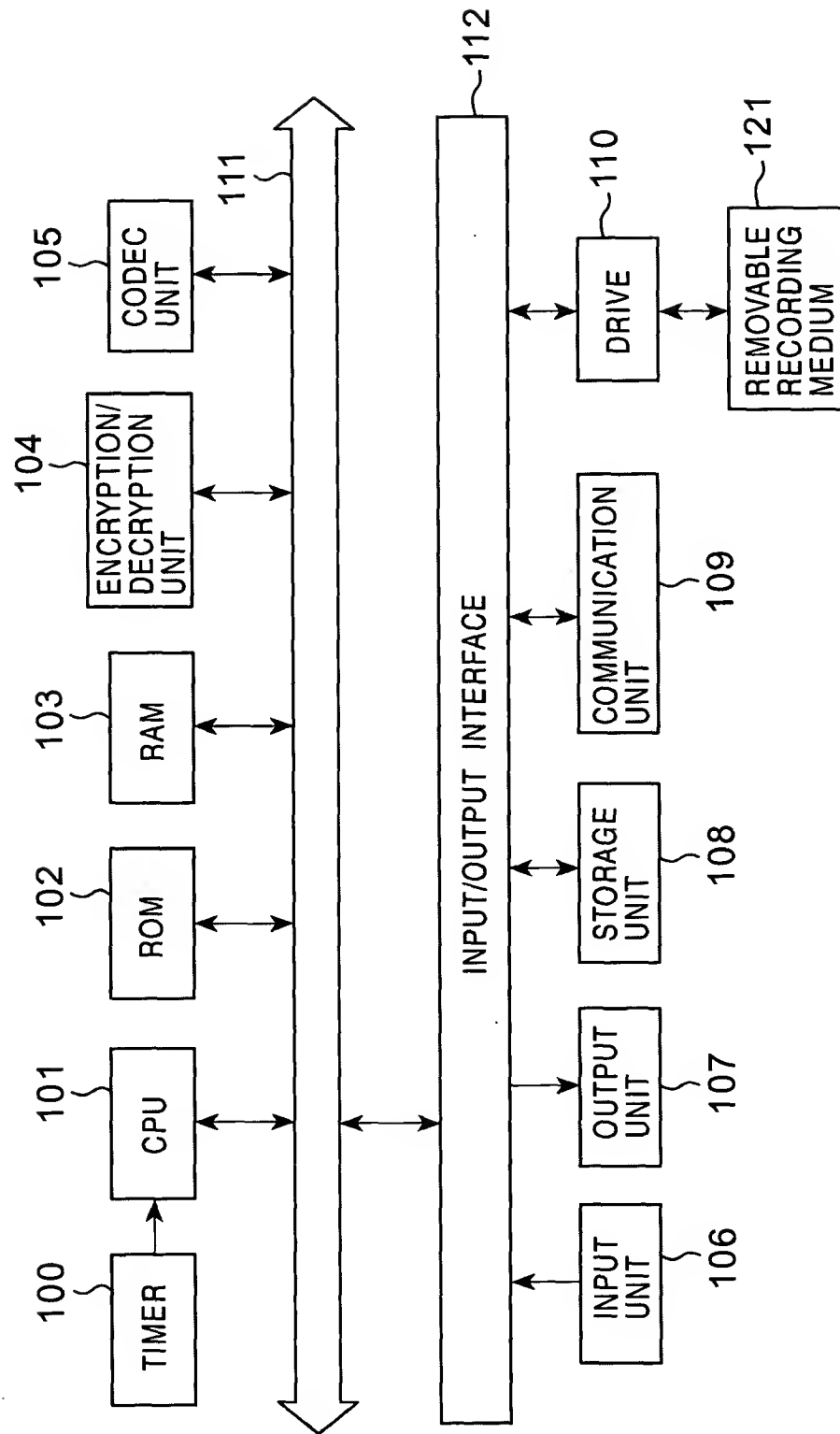


FIG. 3

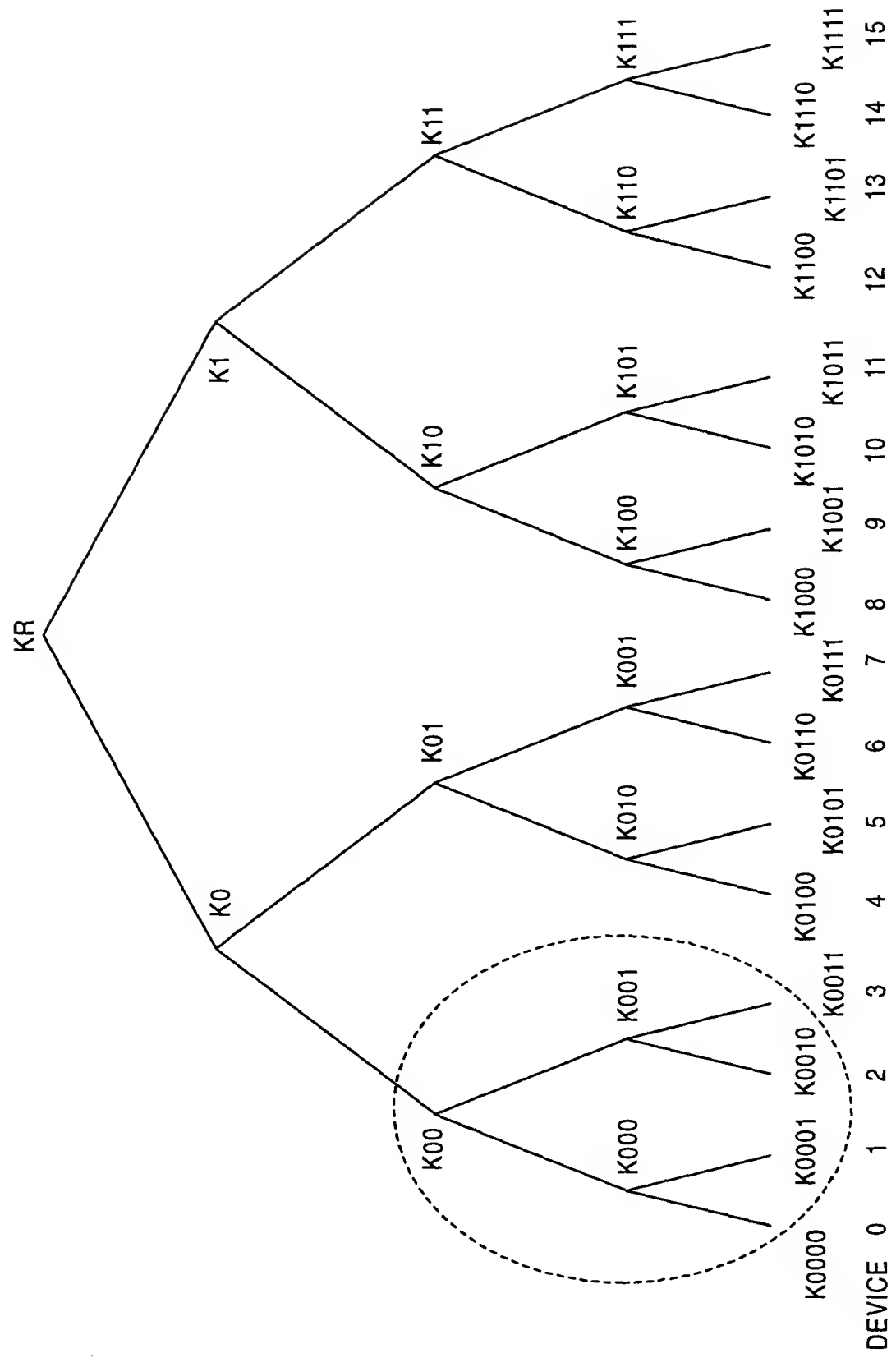


FIG. 4A

SEND VERSION-t NODE KEY
TO DEVICES 0, 1, AND 2

VERSION: t	
INDEX	ENCRYPTED KEY
0	$\text{Enc}(K(t)0, K(t)R)$
00	$\text{Enc}(K(t)00, K(t)0)$
000	$\text{Enc}(K000, K(t)00)$
001	$\text{Enc}(K(t)001, K(t)00)$
0010	$\text{Enc}(K0010, K(t)001)$

FIG. 4B

SEND VERSION-t NODE KEY
TO DEVICES 0, 1, AND 2

VERSION: t	
INDEX	ENCRYPTION KEY
000	$\text{Enc}(K000, K(t)00)$
001	$\text{Enc}(K(t)001, K(t)00)$
0010	$\text{Enc}(K0010, K(t)001)$

FIG. 5

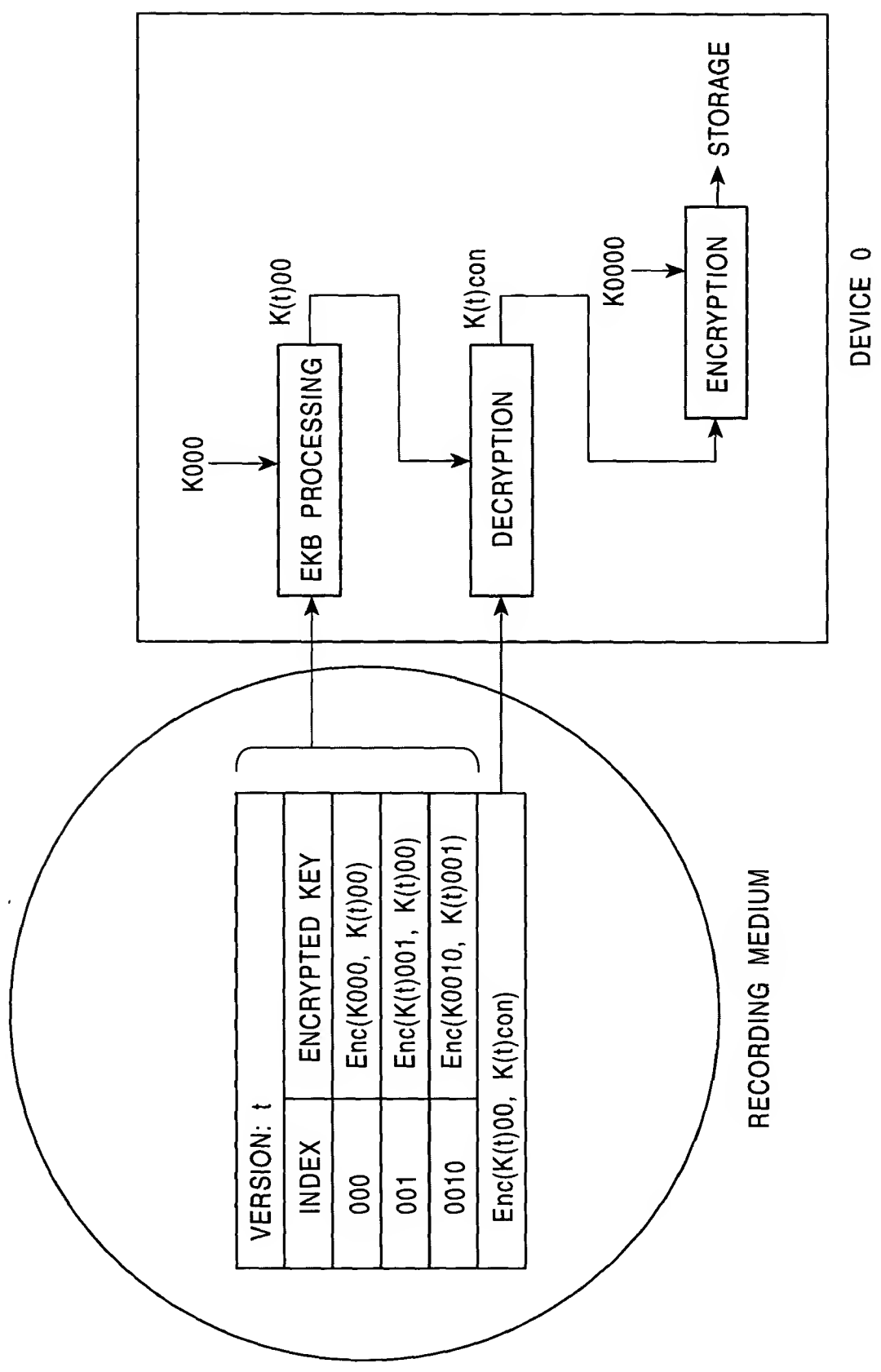


FIG. 6

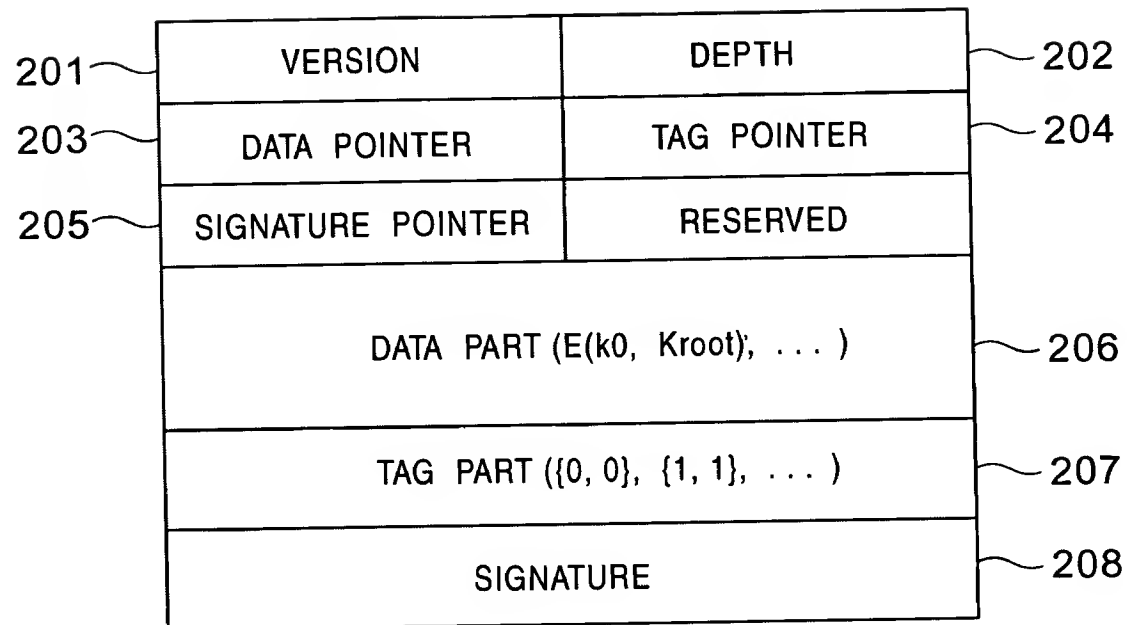


FIG. 7

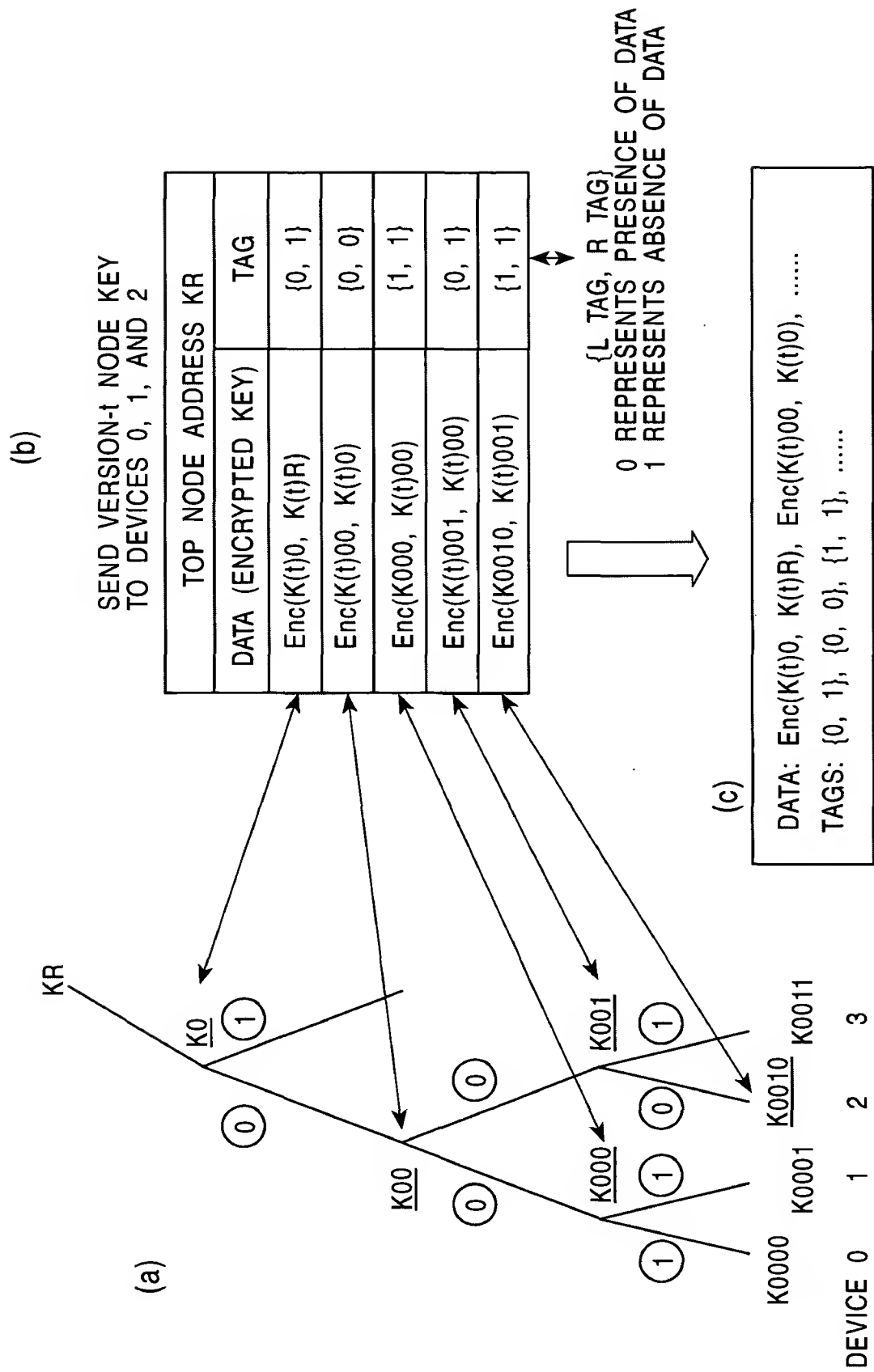


FIG. 8

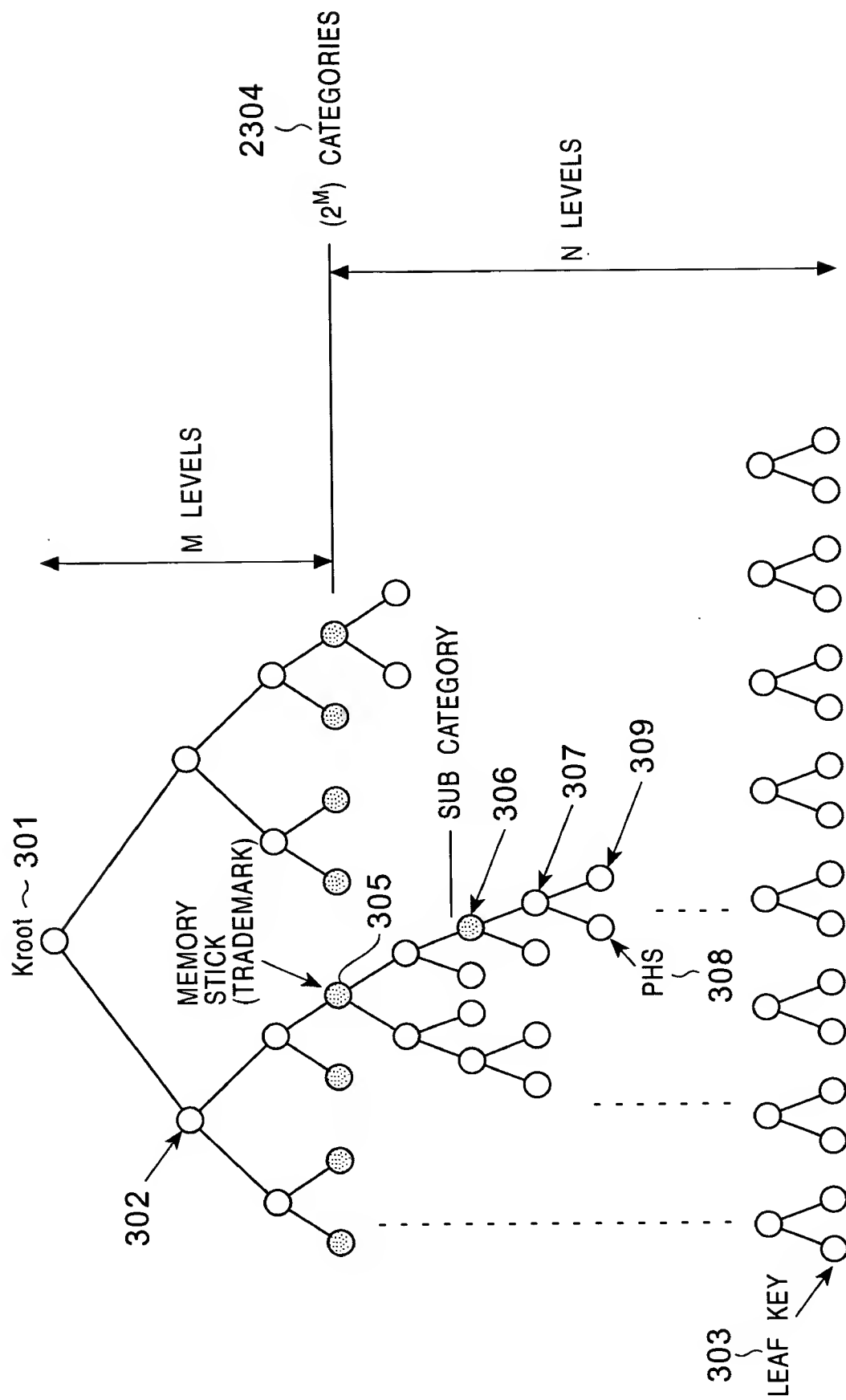


FIG. 9

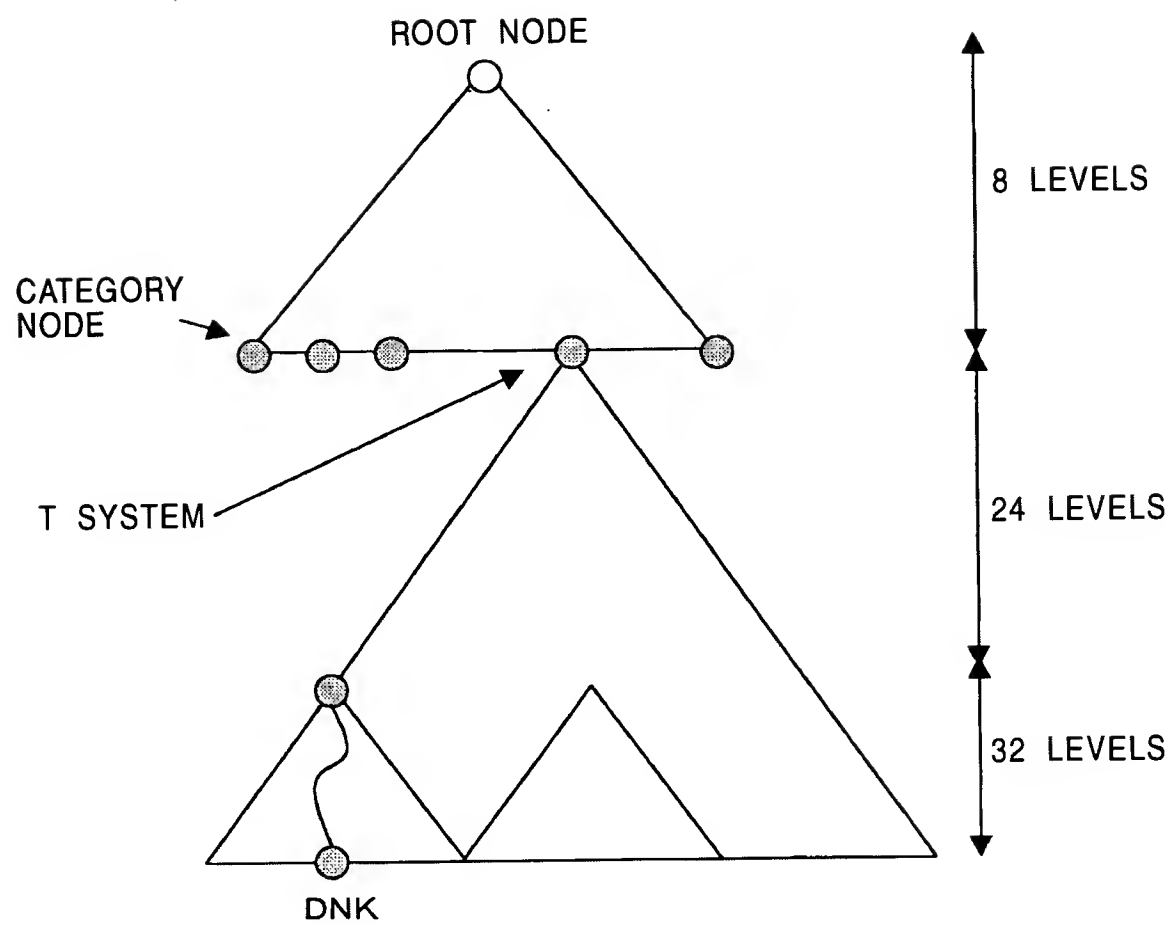


FIG. 10

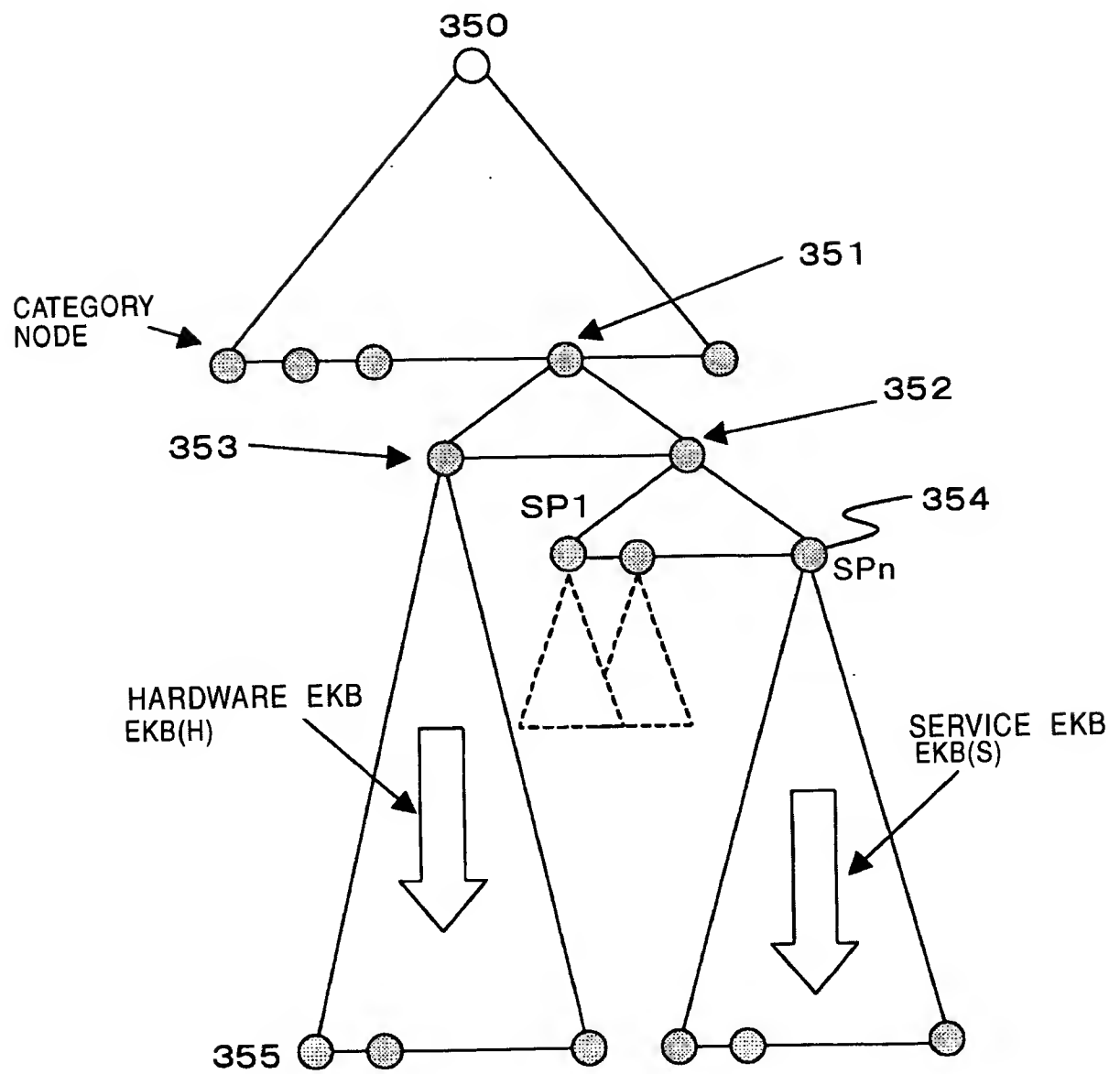


FIG. 11

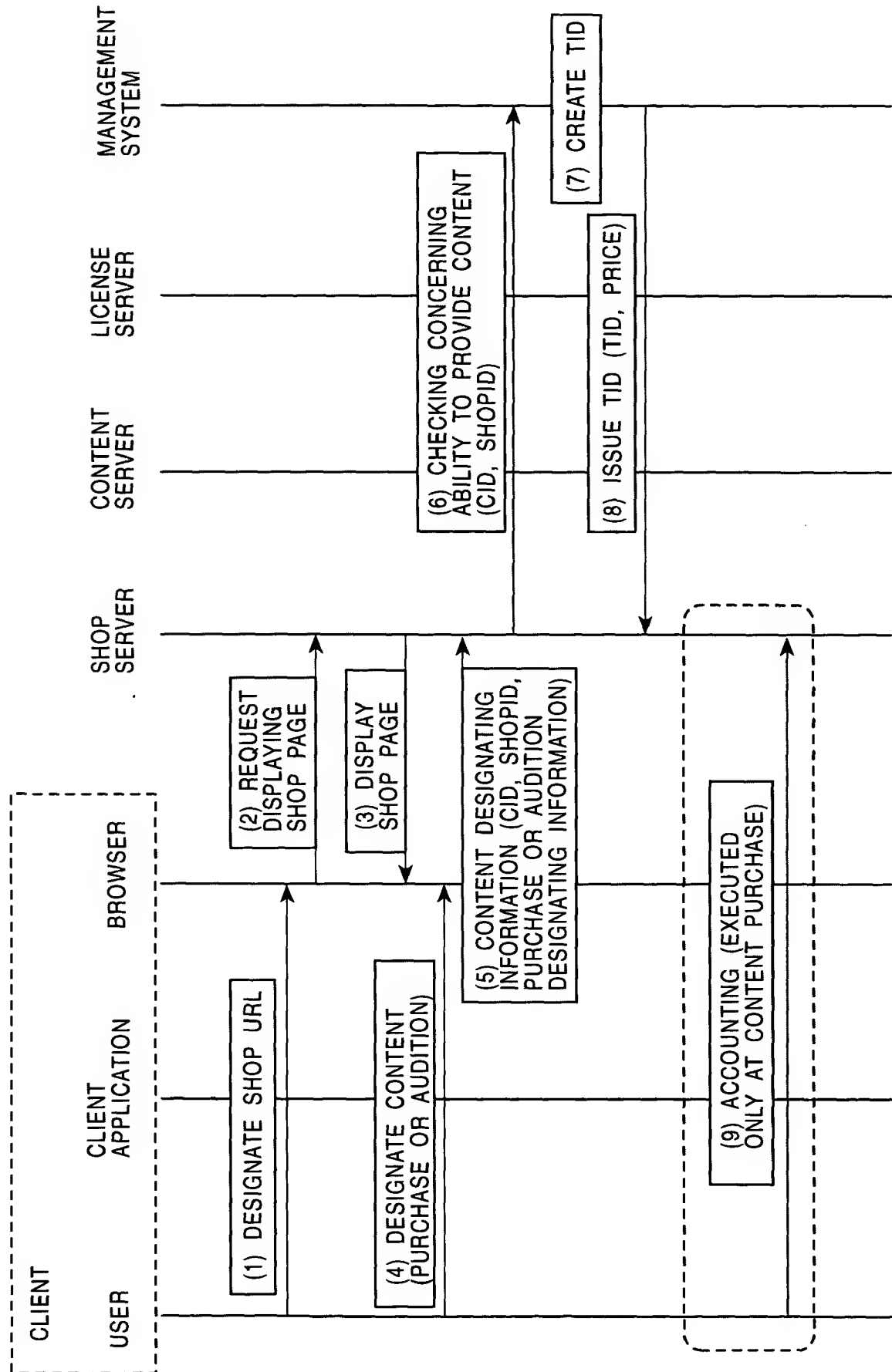


FIG. 12

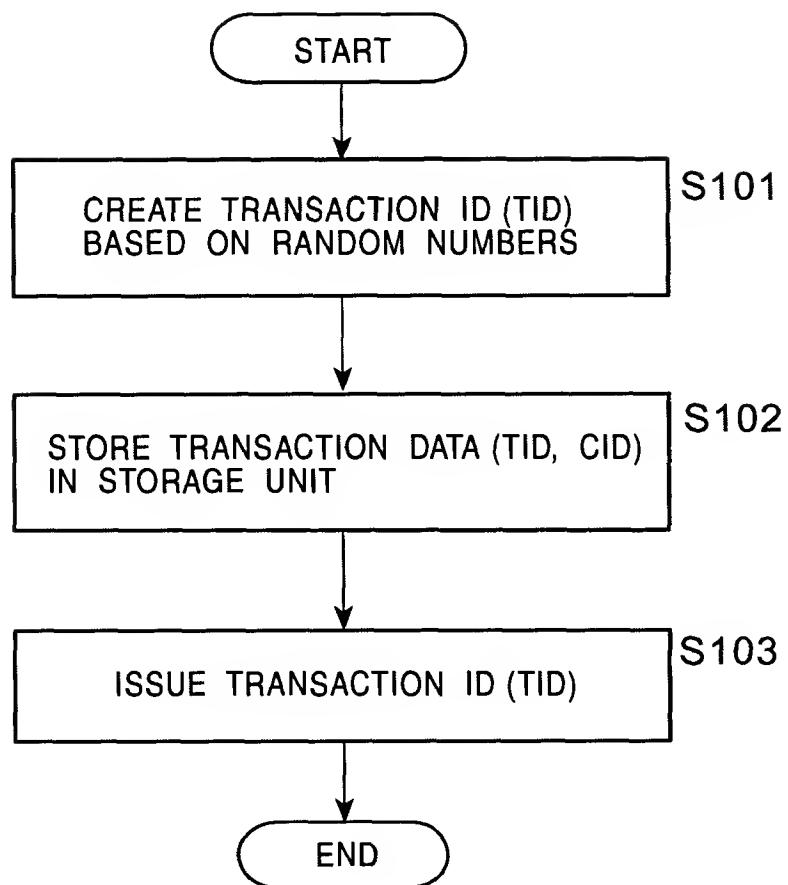


FIG. 13

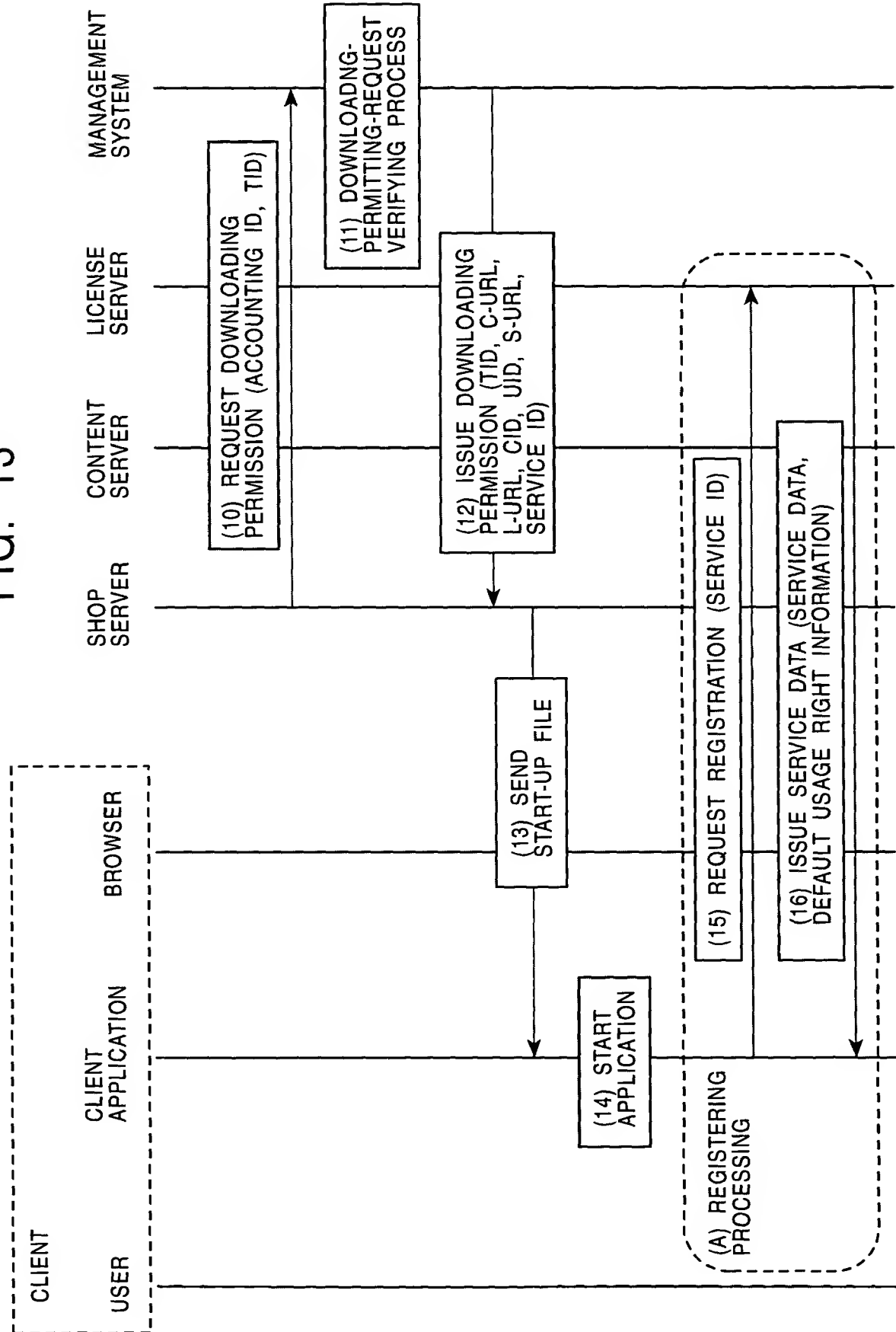


FIG. 14

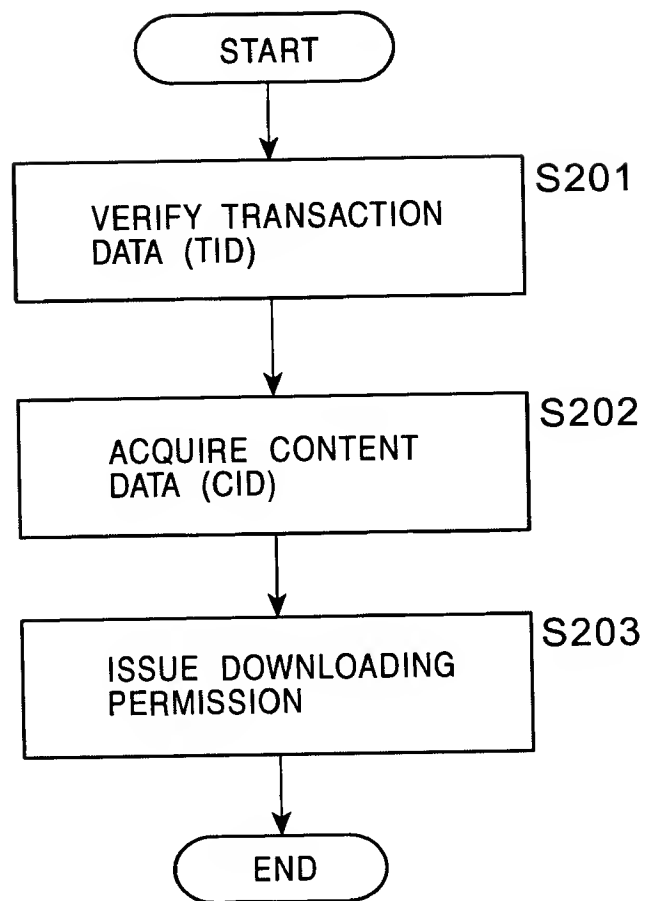


FIG. 15

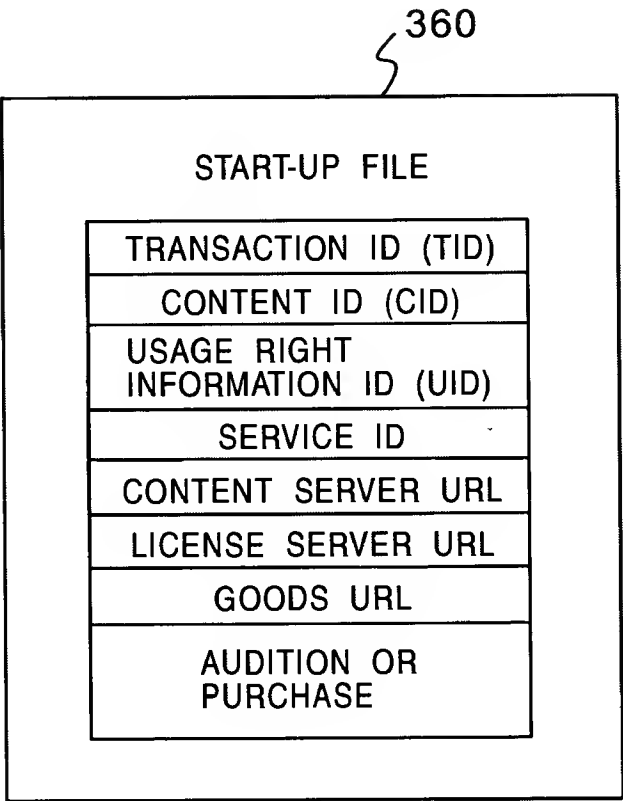


FIG. 16

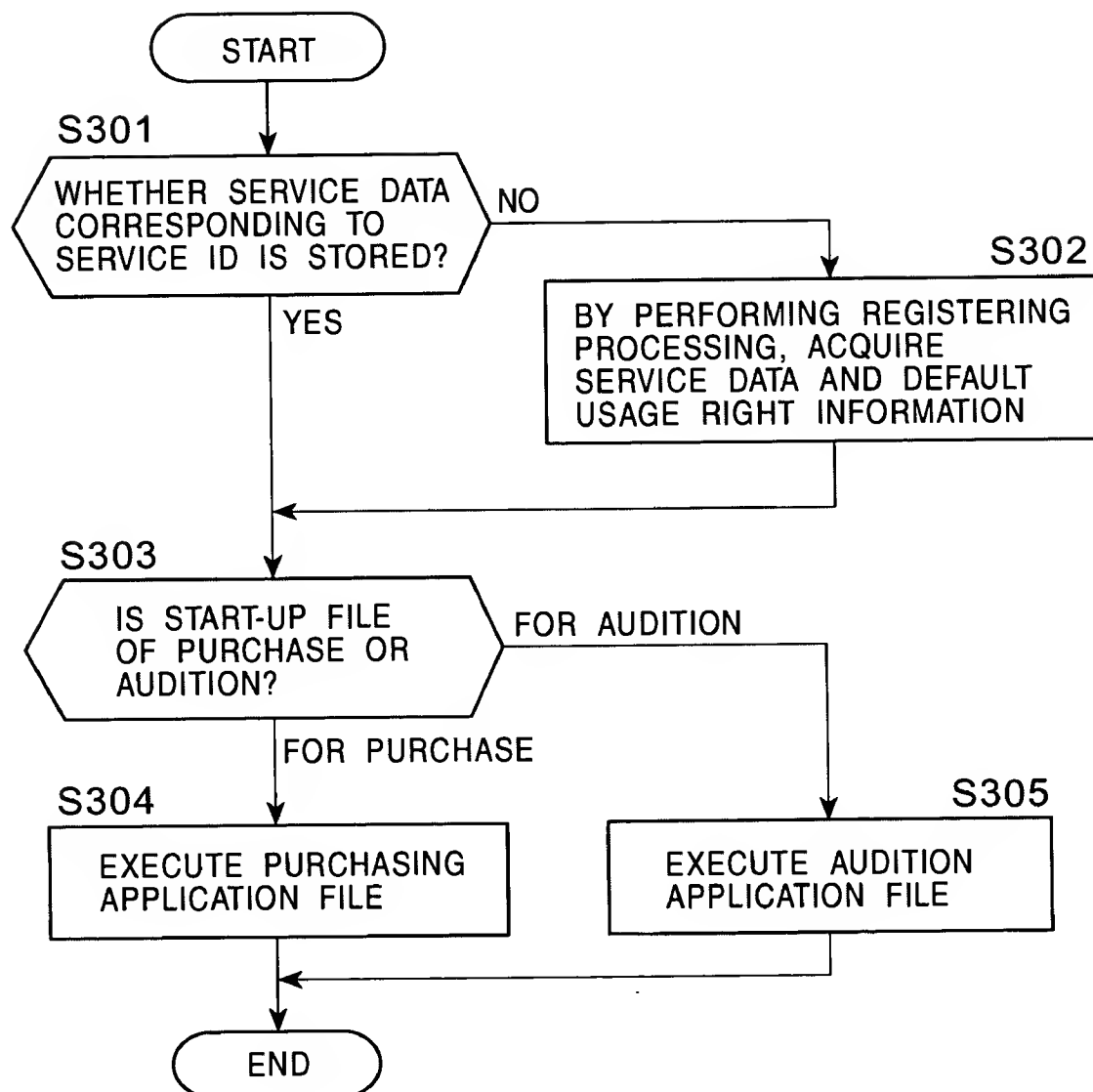


FIG. 17

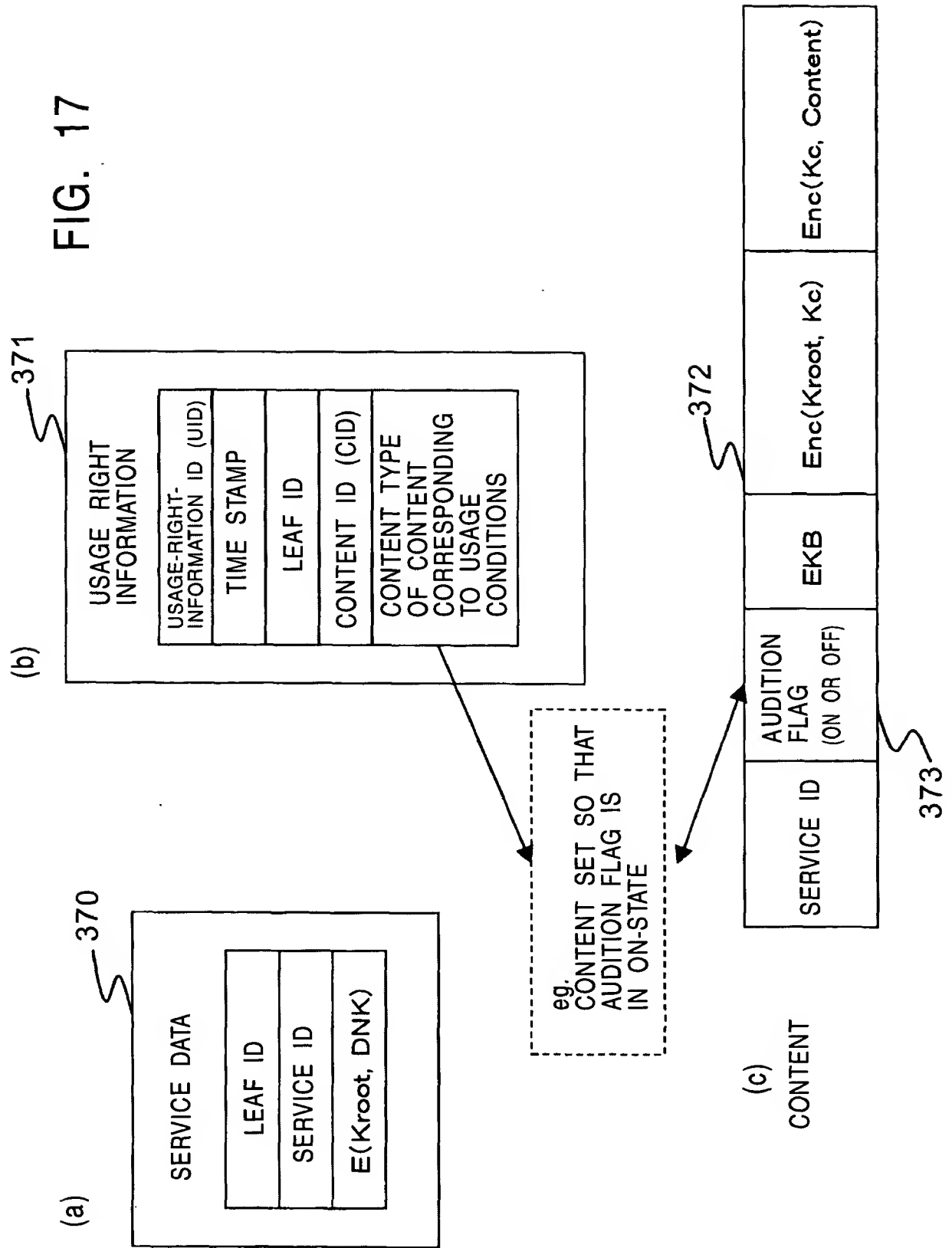


FIG. 18

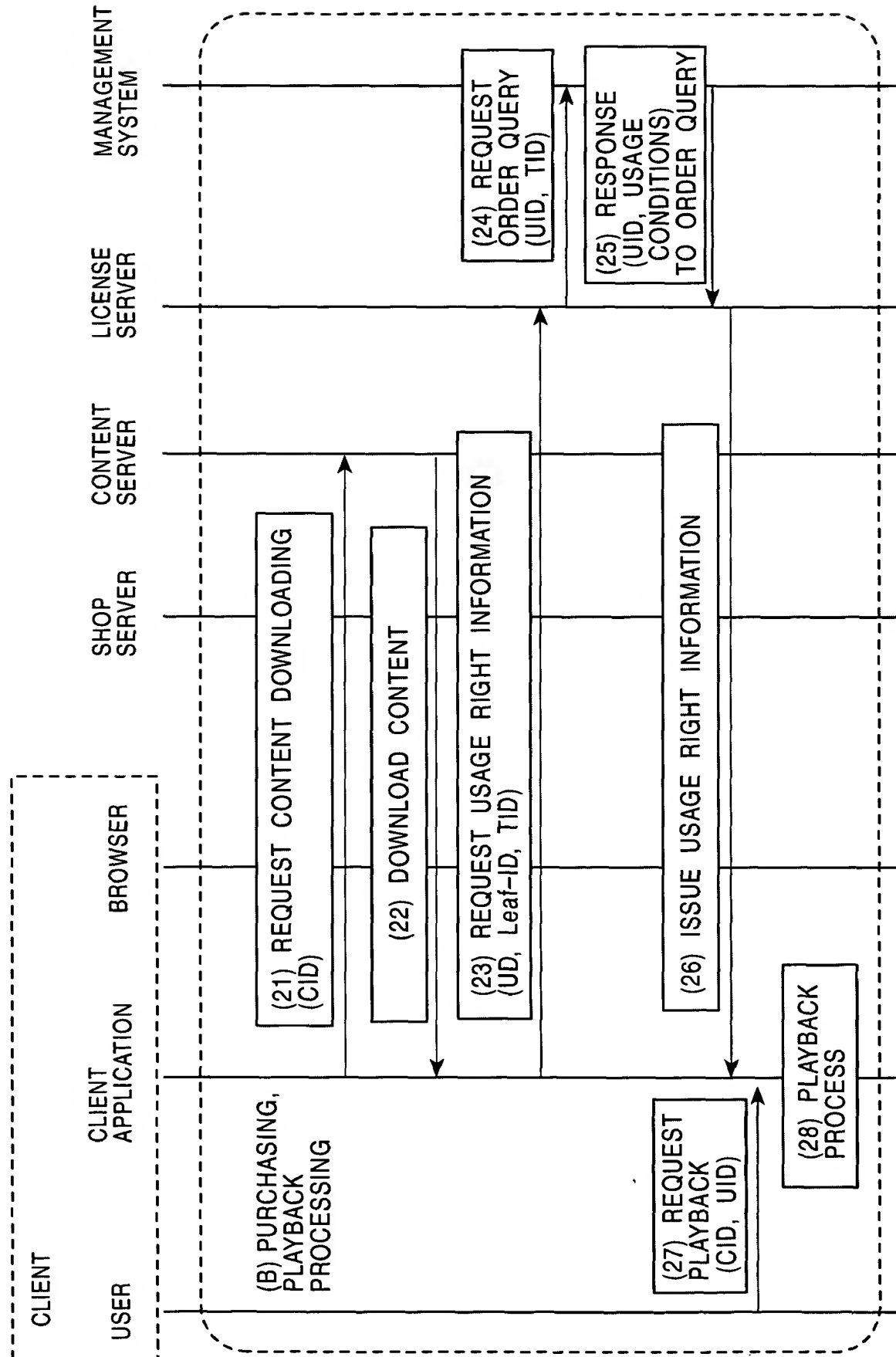
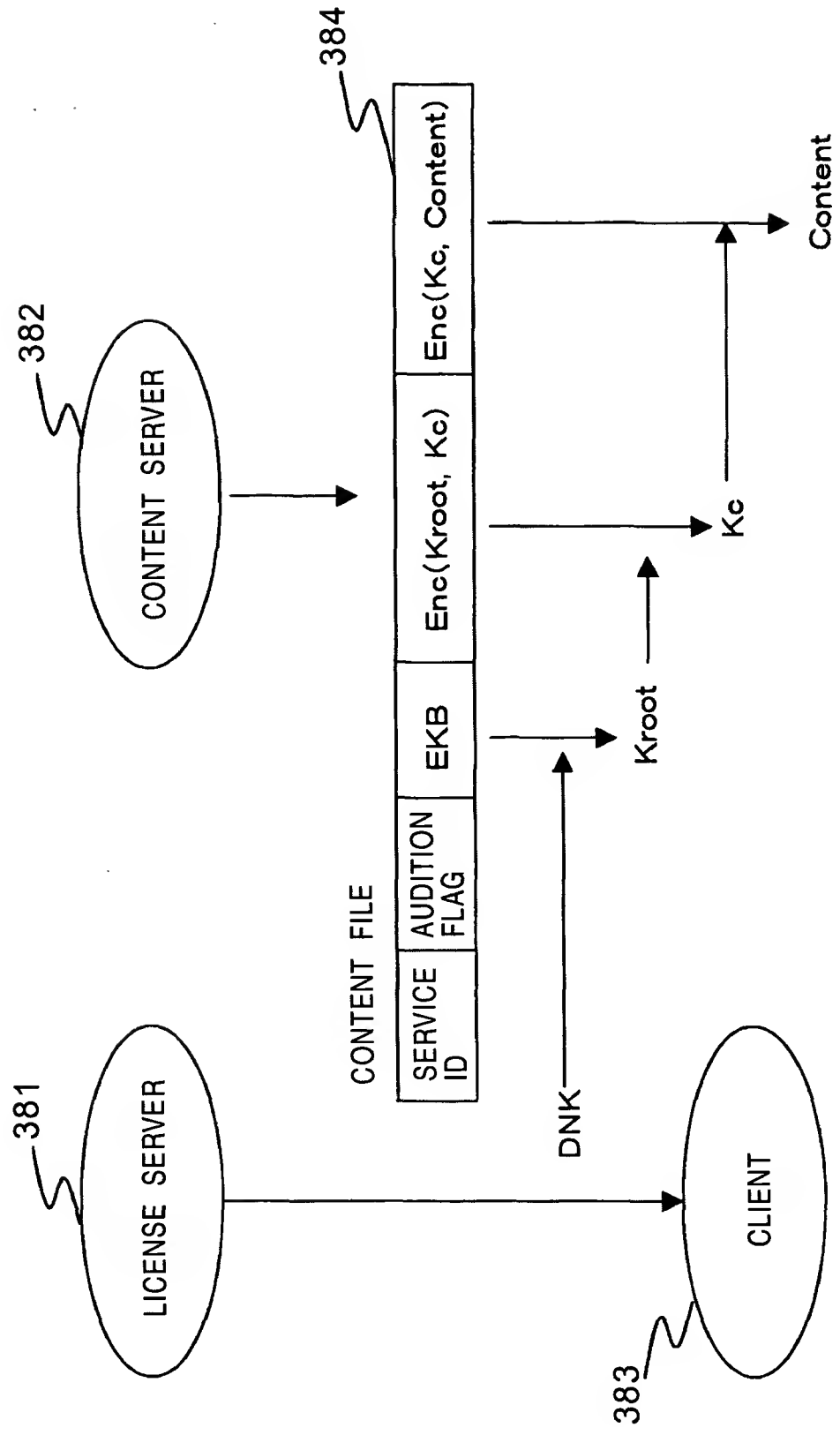


FIG. 19



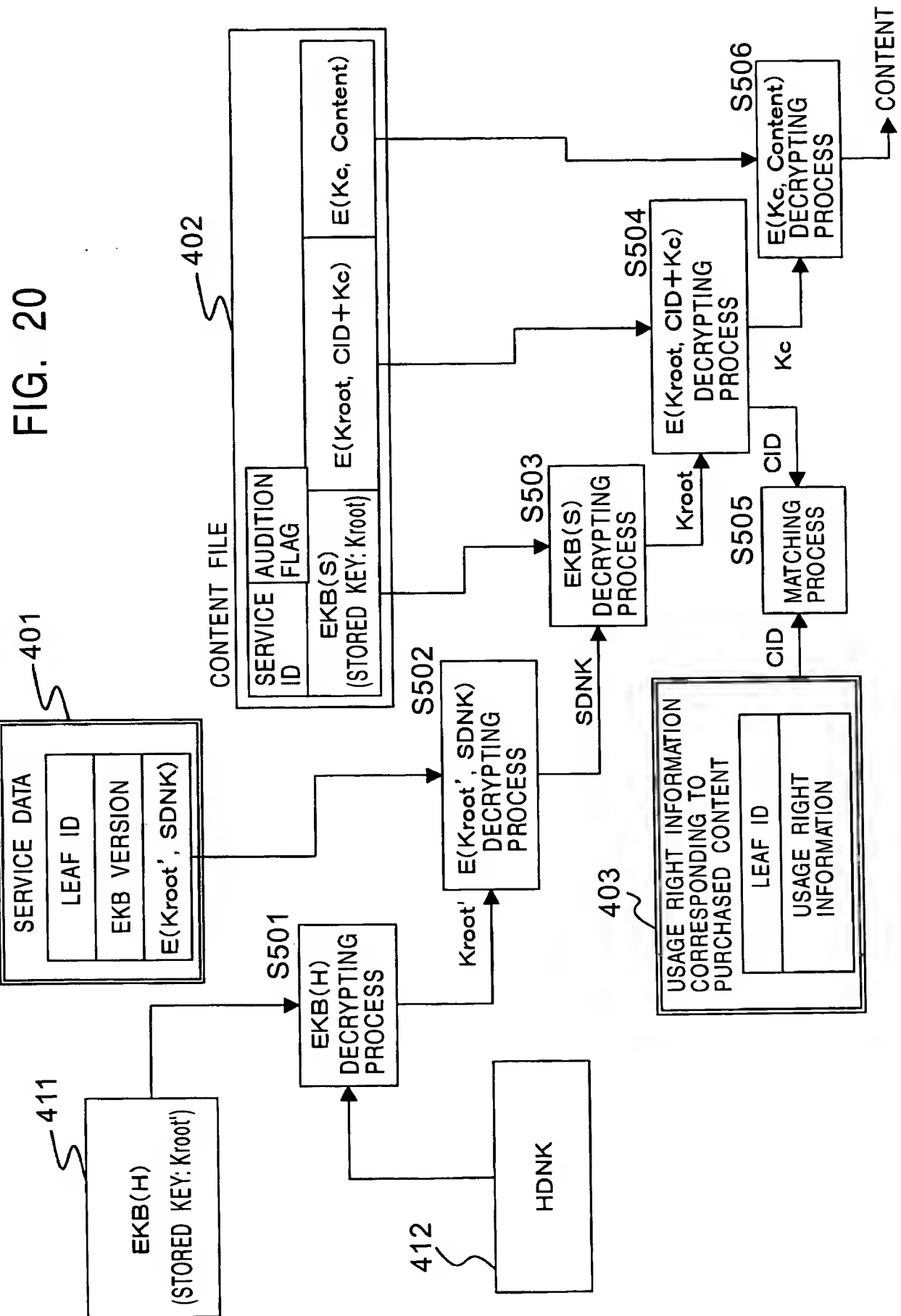


FIG. 21

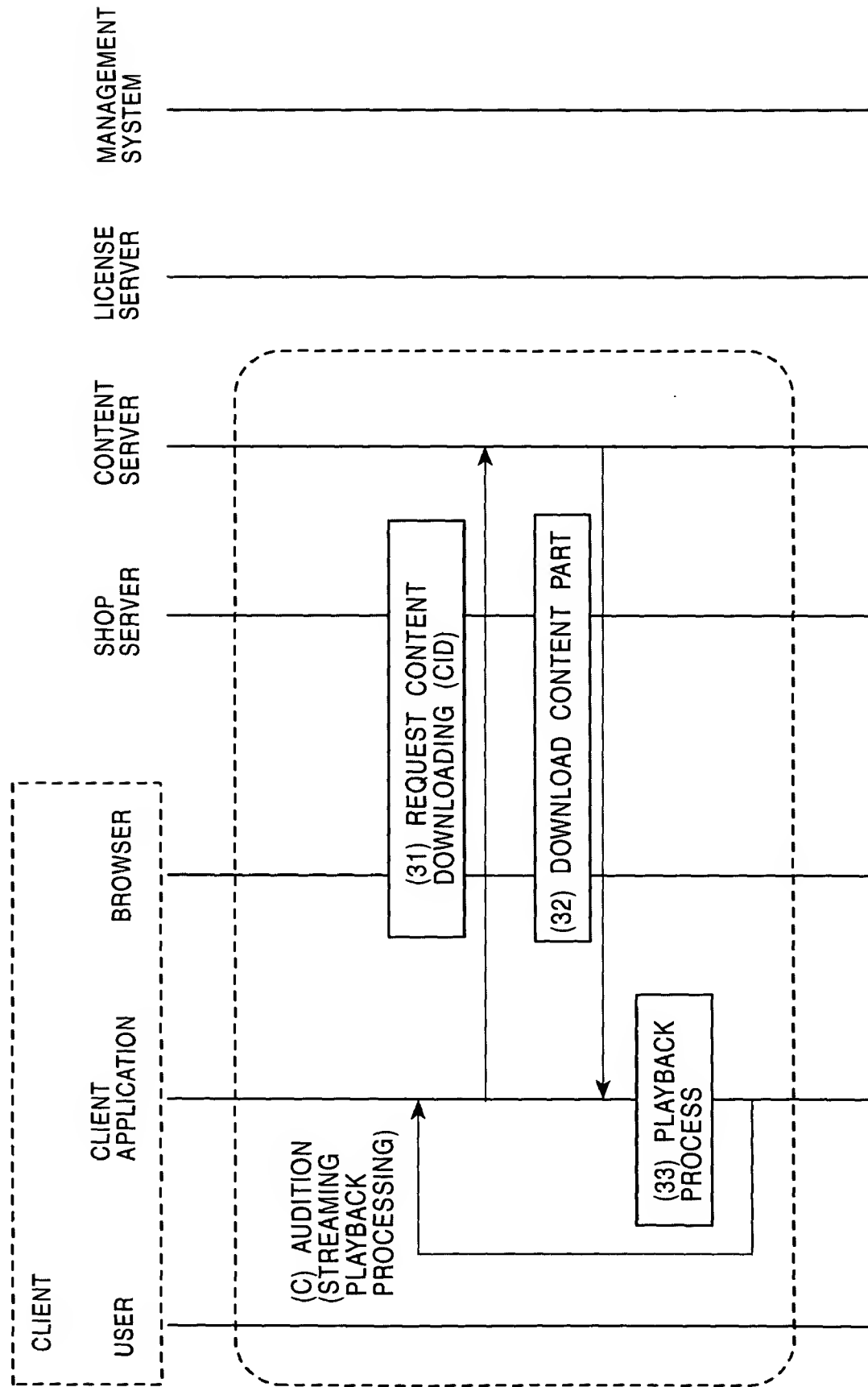


FIG. 22

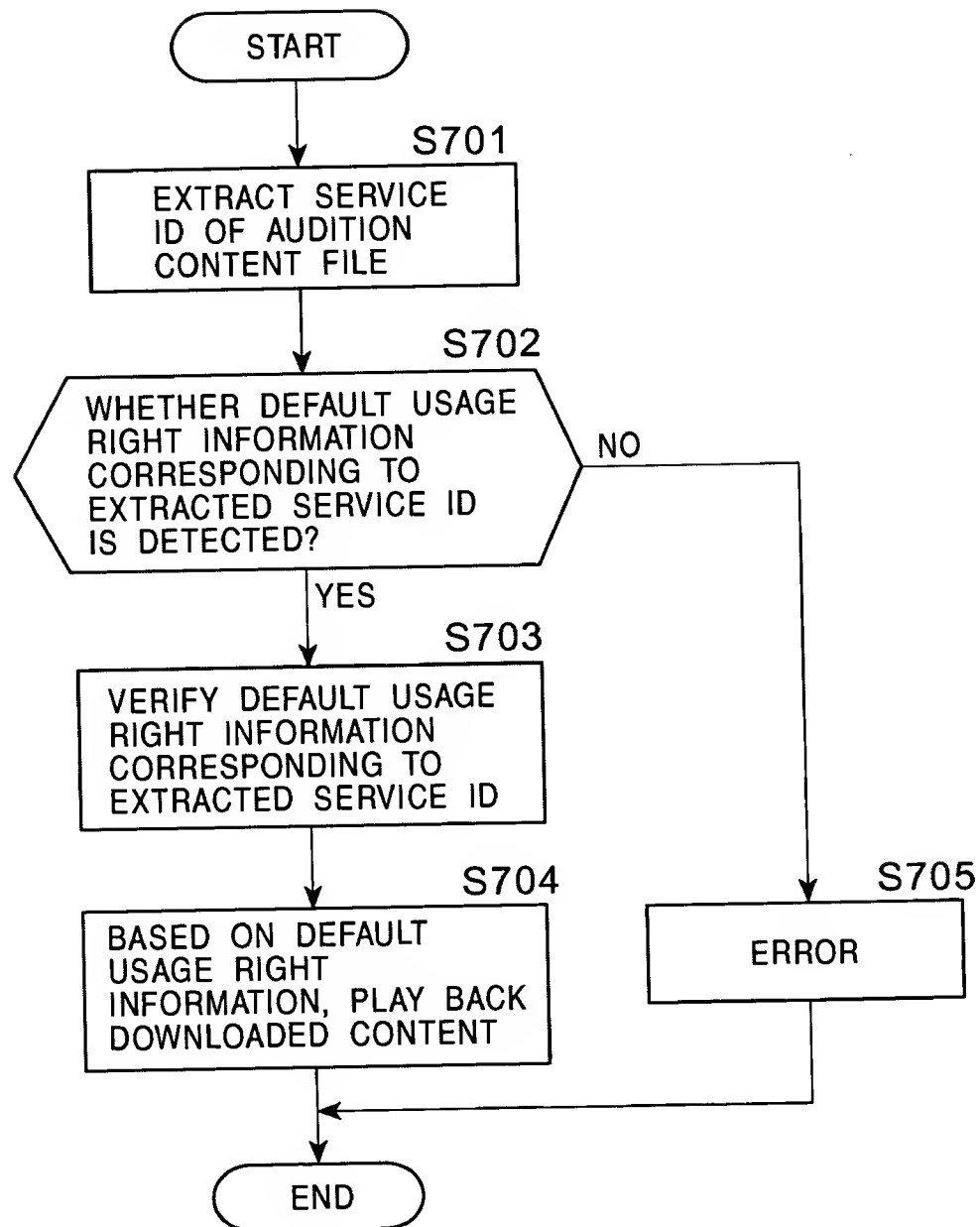


FIG. 23

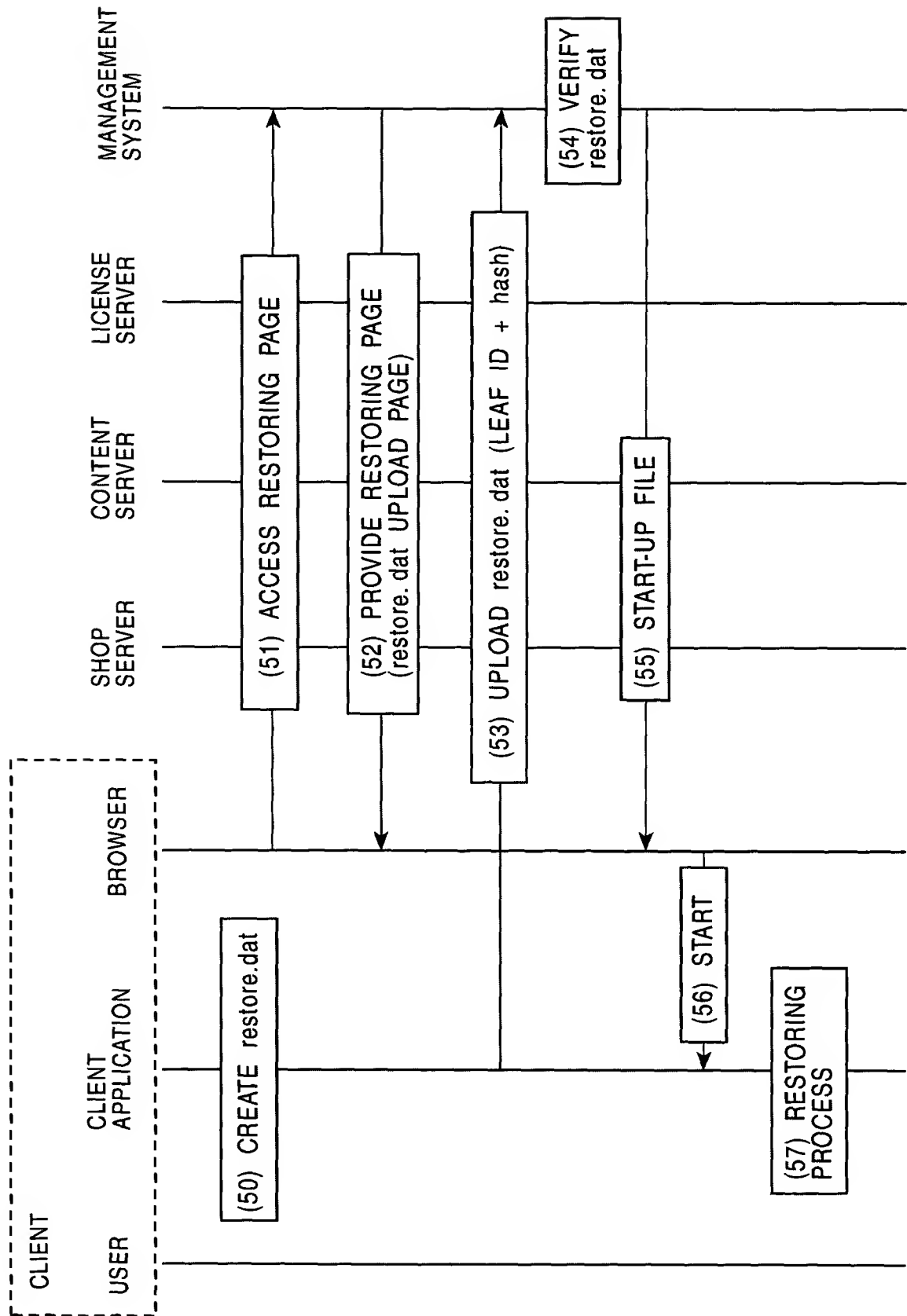


FIG. 24

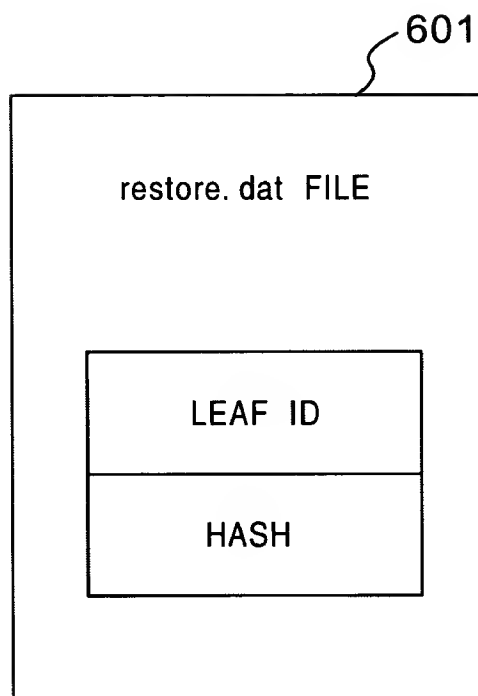


FIG. 25

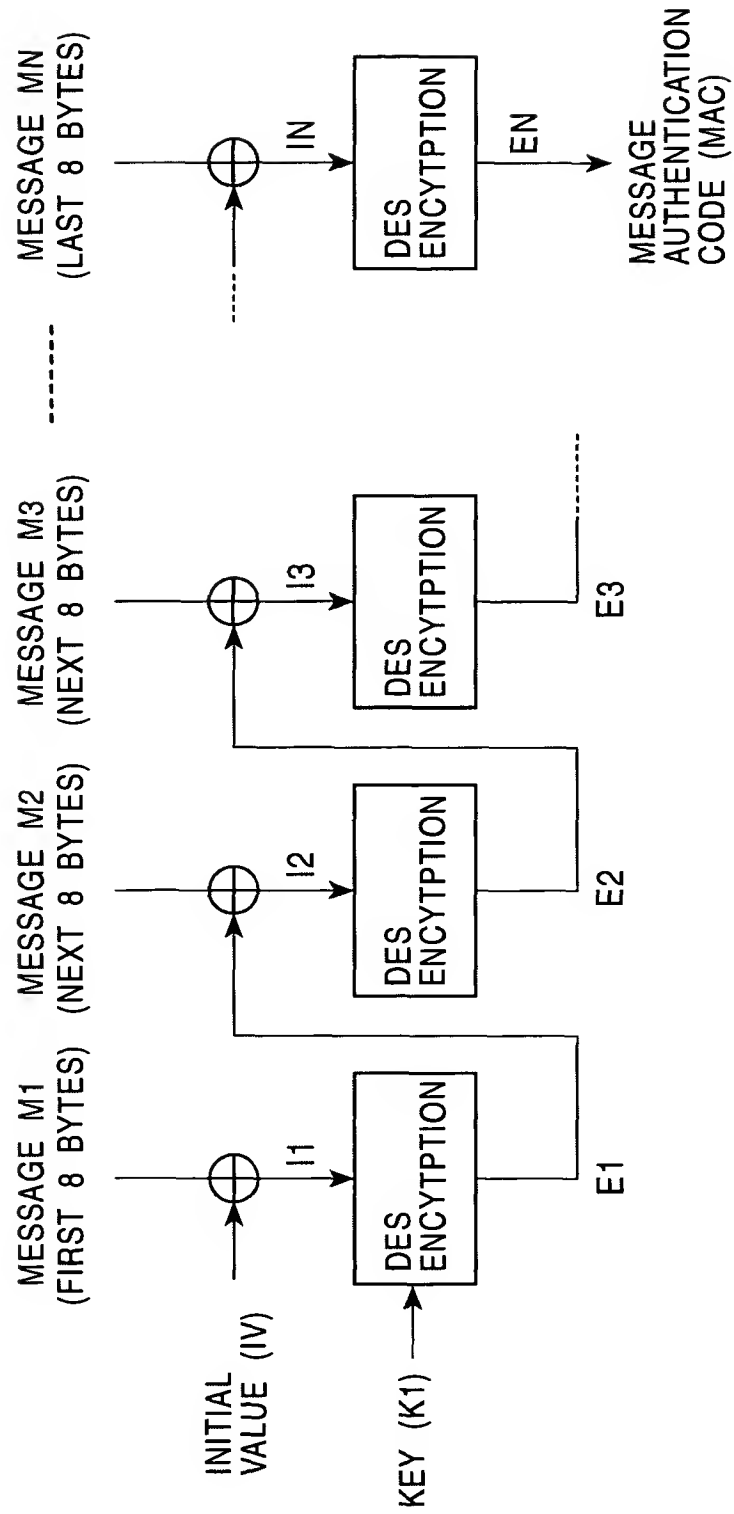


FIG. 26

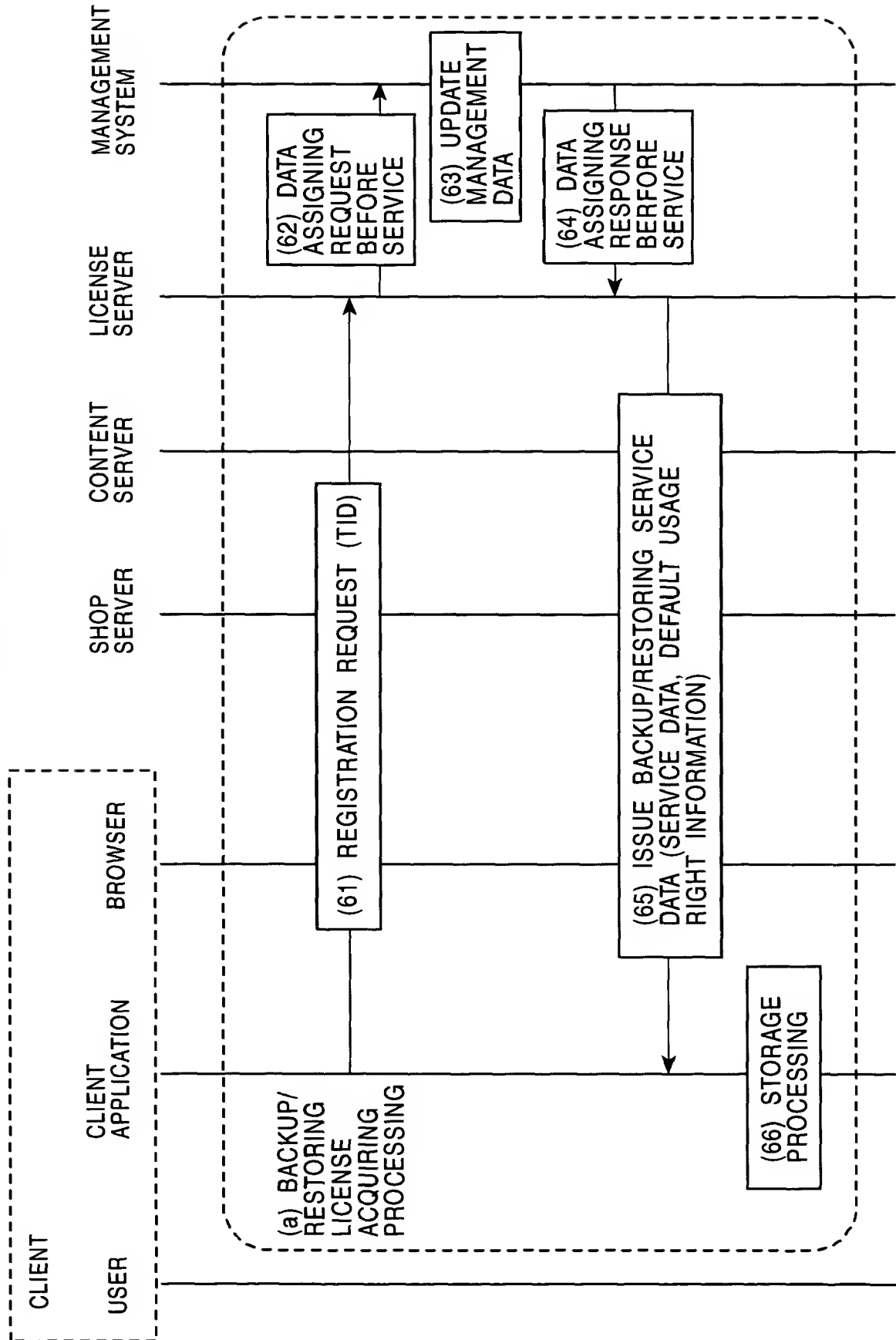


FIG. 27

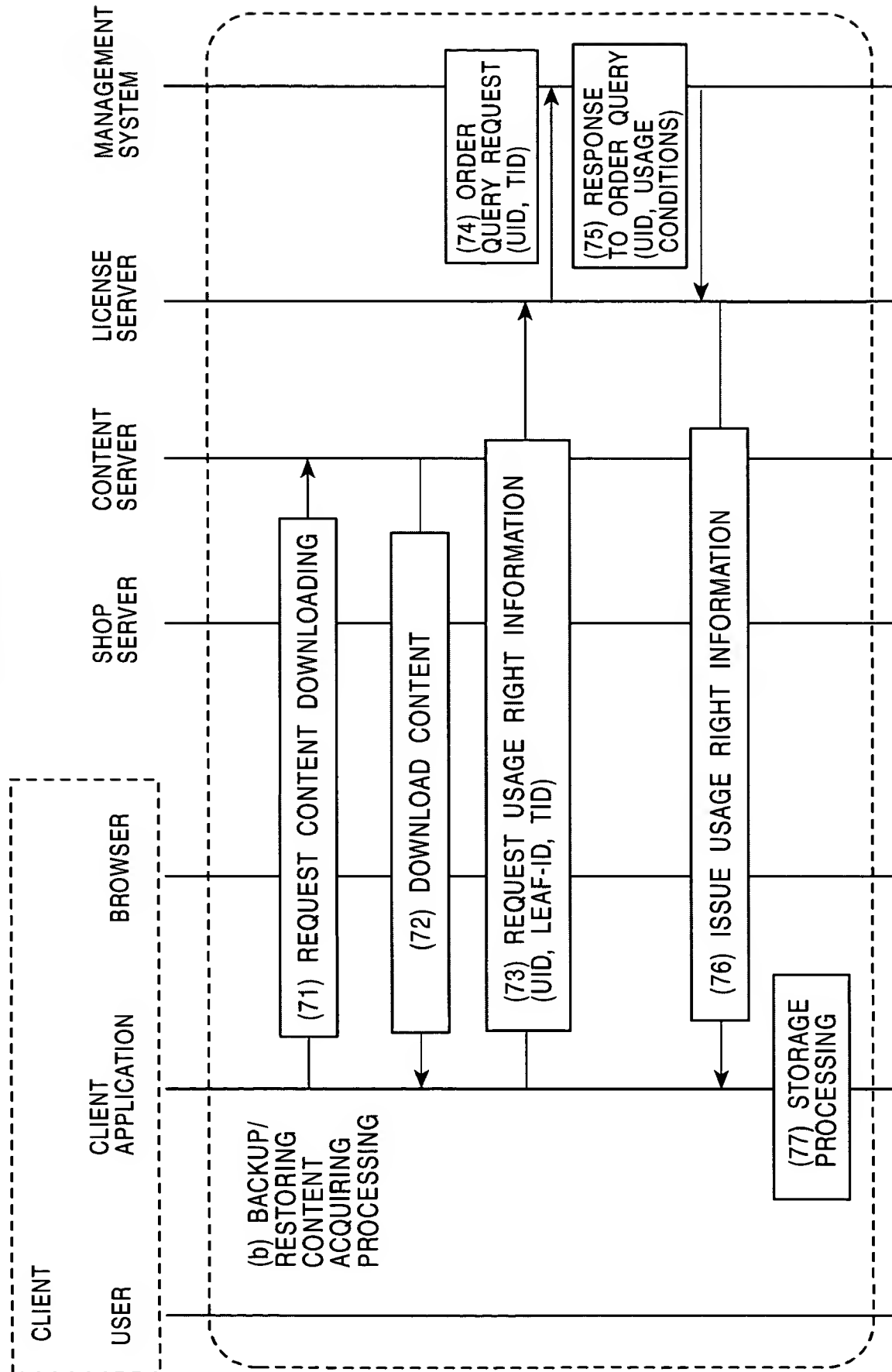


FIG. 28

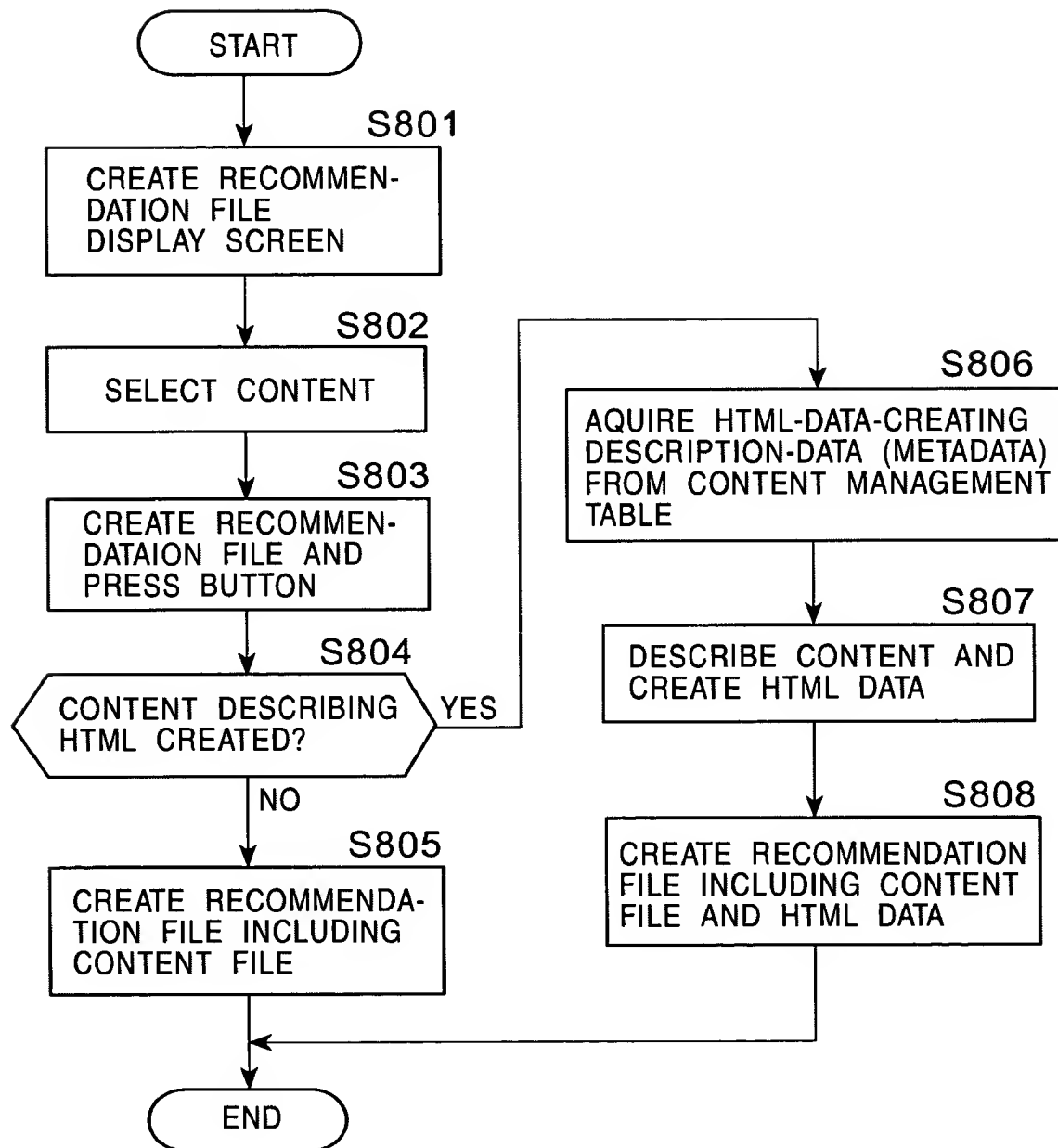


FIG. 29

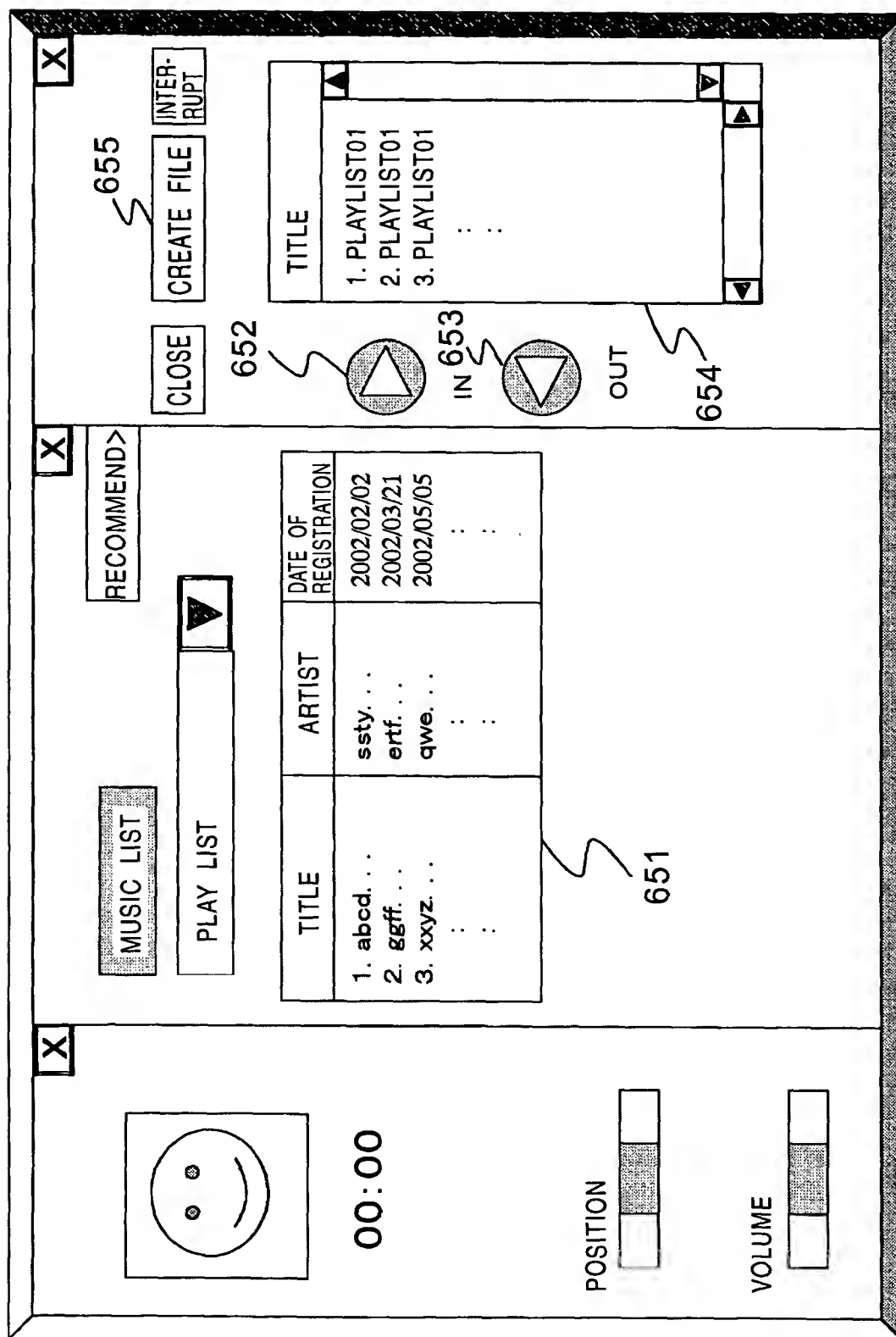


FIG. 30A

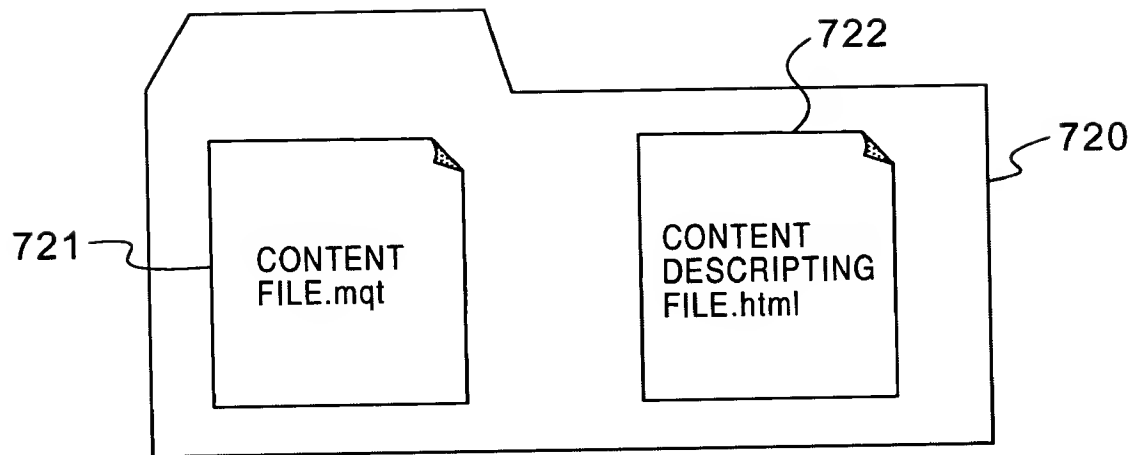


FIG. 30B

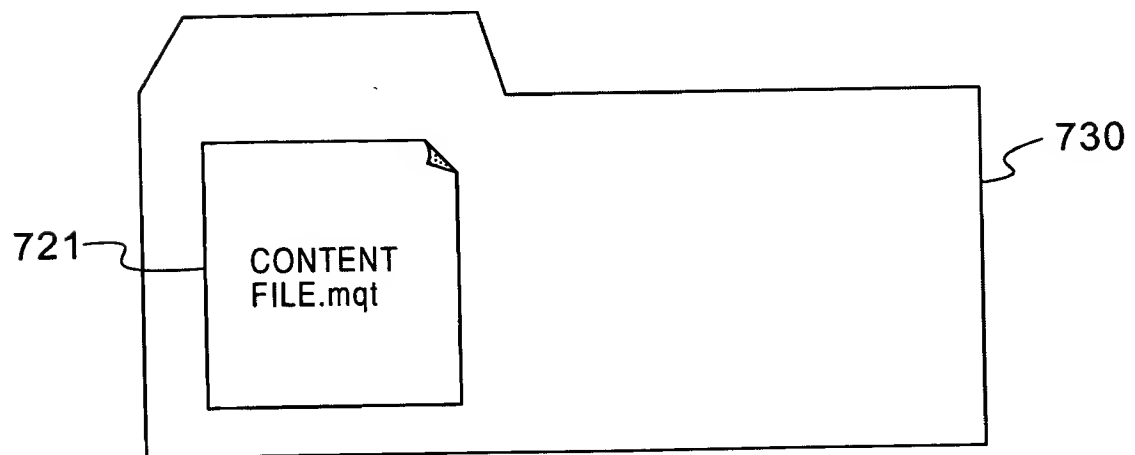


FIG. 31

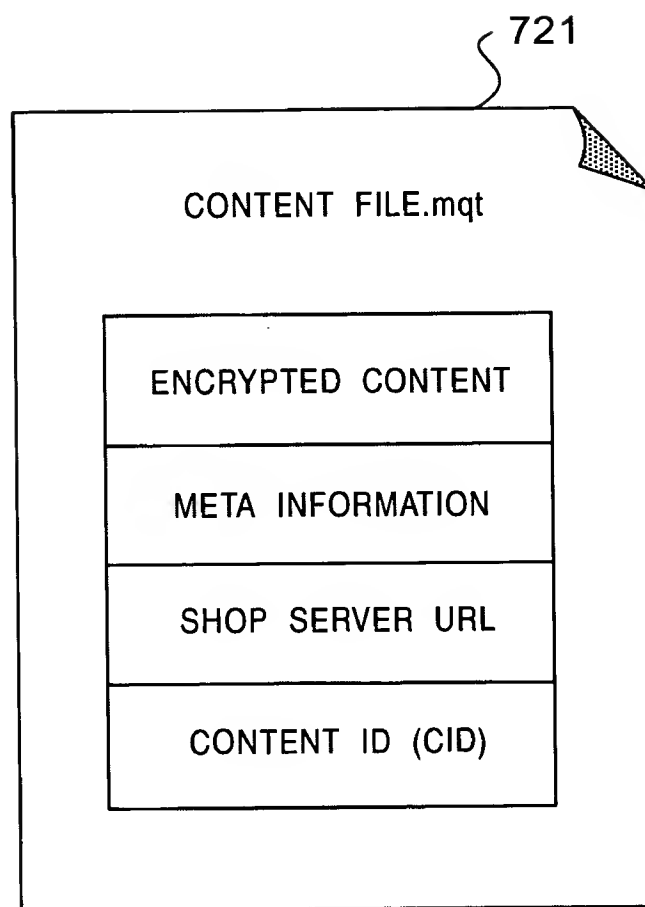


FIG. 32

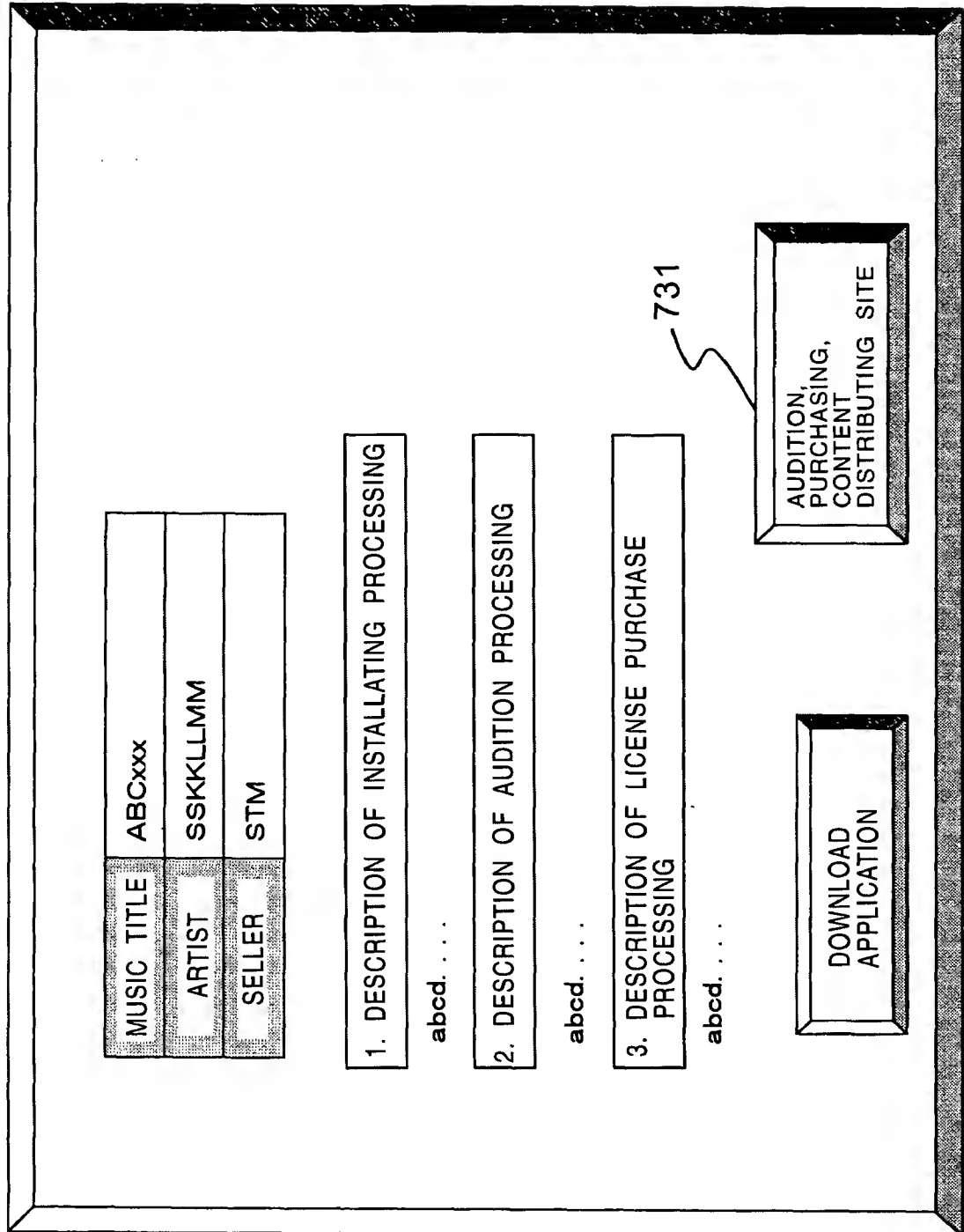


FIG. 33

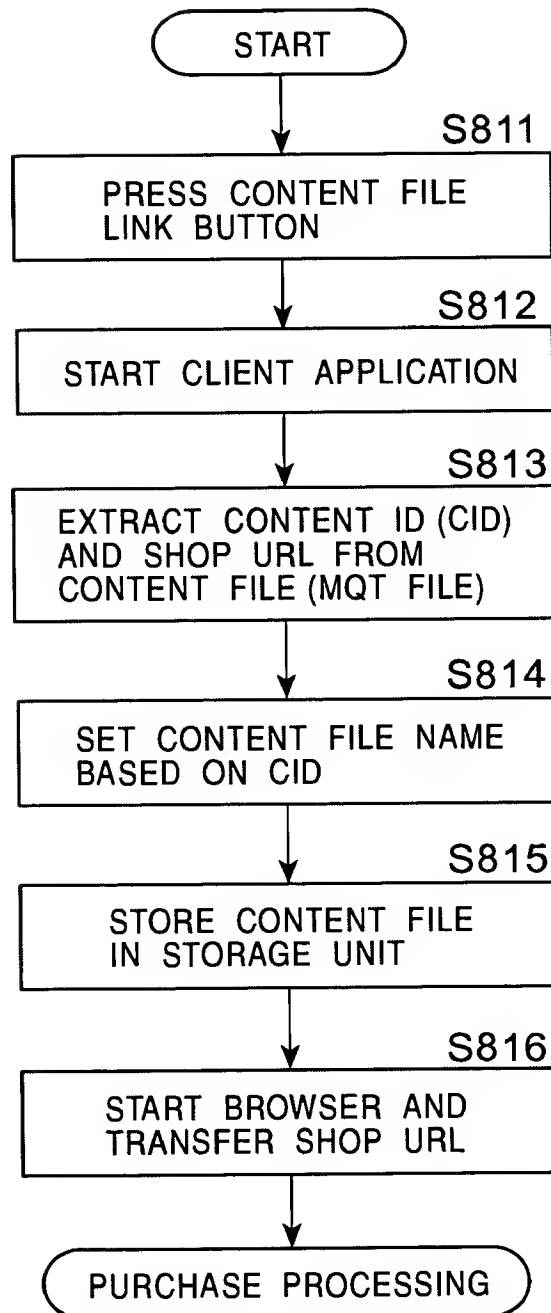


FIG. 34

